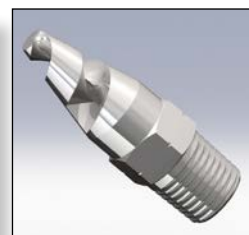
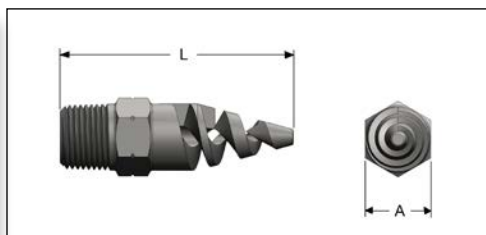
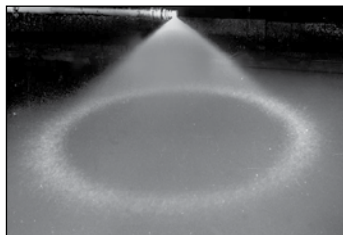




YH Twister® NOZZLE SPECIFICATIONS

Wider Angles



SPRAY CHARACTERISTICS:

A hollow cone spray pattern with large flow rates and small droplet sizes.

CONSTRUCTION:

YH Series nozzles have an anti-clog design that can be easily inspected, cleaned and

serviced. Standard materials are brass, 303 stainless steel, 316 stainless steel, PVC and Teflon®. Other materials available upon request.

TYPICAL APPLICATIONS:

- Air & Gas Washing
- Dust Suppression
- Spray Ponds
- Cooling Tunnels
- Medical Treatment
- Humidification

Spray Angle	Model	Orifice Dia. (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)									
			5 psi	7 psi	10 psi	20 psi	30 psi	40 psi	60 psi	100 psi	200 psi	300 psi
120	¼YH12007	0.094	0.50	0.59	0.70	0.99	1.21	1.40	1.71	2.21	3.13	3.8
	¼YH12013	0.125	0.92	1.09	1.30	1.84	2.25	2.60	3.2	4.1	5.8	7.1
	¼YH12020	0.156	1.41	1.67	2.00	2.83	3.5	4.0	4.9	6.3	8.9	11.0
	⅜YH12030	0.188	2.12	2.51	3.00	4.2	5.2	6.0	7.3	9.5	13.4	16.4
	⅜YH12040	0.219	2.83	3.3	4.0	5.7	6.9	8.0	9.8	12.6	17.9	21.9
	⅜YH12053	0.250	3.7	4.4	5.3	7.5	9.2	10.6	13.0	16.8	23.7	29.0
	⅜YH12082	0.313	5.8	6.9	8.2	11.6	14.2	16.4	20.1	25.9	37	45
	½YH120120	0.375	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
	½YH120164	0.438	11.6	13.7	16.4	23.2	28.4	33	40	52	73	90
	¾YH120210	0.500	14.8	17.6	21.0	29.7	36	42	51	66	94	115
	1YH120340	0.625	24.0	28.4	34	48	59	68	83	108	152	186
180	1YH120470	0.750	33	39	47	66	81	94	115	149	210	257
	¼YH18007	0.094	0.50	0.59	0.70	0.99	1.21	1.40	1.71	2.21	3.13	3.8
	¼YH18013	0.125	0.92	1.09	1.30	1.84	2.25	2.60	3.2	4.1	5.8	7.1
	¼YH18020	0.156	1.41	1.67	2.00	2.83	3.5	4.0	4.9	6.3	8.9	11.0
	⅜YH18030	0.188	2.12	2.51	3.00	4.2	5.2	6.0	7.3	9.5	13.4	16.4
	⅜YH18040	0.219	2.83	3.3	4.0	5.7	6.9	8.0	9.8	12.6	17.9	21.9
	⅜YH18053	0.250	3.7	4.4	5.3	7.5	9.2	10.6	13.0	16.8	23.7	29.0
	⅜YH18082	0.313	5.8	6.9	8.2	11.6	14.2	16.4	20.1	25.9	37	45
	½YH180120	0.375	8.5	10.0	12.0	17.0	20.8	24.0	29.4	38	54	66
	½YH180164	0.438	11.6	13.7	16.4	23.2	28.4	33	40	52	73	90
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